

Protocol: 521- 8372 / Certificate N. 0645

Issue Date: 17-02-2022

Client:	MB ELEON spc
Date of Receipt	10/02/2022
Date of Analysis	10/02/22 - 17/02/2022
Sample Code:	0954
Sample ID stated by the customer:	Ootopia Extra Virgin Olive Oil Manaki (3)
Sample Description / Packaging / Packing information:	Plastic bottle of 100ml
Sample Condition:	Accepted (Good)
Sampling	From the Client



Head of the Laboratory



Panagiotis Katsaris
Agronomist Biotechnologist

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Parameter / Units declared category)	Method	Result	Limit (of the
Acidity (gr oleic acid /100gr)	Reg.(E.E.C) No 2568/91, Annex II	0.29	(max 0,8)
Peroxide Index (meqO ₂ /Kg)	Reg.(E.E.C) No 2568/91, Annex III	10.30	(max 20)
K ₂₃₂ :	Reg.(E.E.C) No 2568/91, Annex IX	1.94	(max 2,50)
K ₂₆₈ :	Reg.(E.E.C) No 2568/91, Annex IX	0.16	(max 0,22)
ΔK:	Reg.(E.E.C) No 2568/91, Annex IX	-0.005	(max 0,01)
Waxes	Reg.(E.E.C) No 2568/91, Annex V	21.6	(max 150)
Total phenols	Folin method fasmatometric (mg/kg)	338.4	

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(%) STEROLS (Reg. (E.E.C) No 2568/91, Annex V)		
Sterols Composition	Result	Limit (of the declared category)
CHOLESTEROL:	0.09	(max 0,5)
BRASSICASTEROL:	0.00	(max 0,1)
24-METHYLEN-CHOLESTEROL:	0.06	
CAMPESTEROL:	2.56	(max 4,0)
CAMPESTANOL:	0.01	
STIGMASTEROL:	0.68	< Camp.
Δ7-CAMPESTENOL:	0,00	
Δ5,23-STIGMASTADIENOL:	0,00	
CLEROSTEROL:	0.32	
B-SITOSTEROL :	89.27	
SITOSTANOL:	0.21	
Δ5-AVENASTEROL:	5.51	
Δ5,24- -STIGMASTADIENOL :	0.42	
Δ7-STIGMASTENOL:	0.29	(max 0,5)
Δ7-AVENASTEROL:	0.59	
ERYTHRODIOL& UVAOL:	0.28	(max 4,5)
TOTAL B-SITOSTEROL:	95.73	(min 93,0)
TOTAL STEROLS mg/Kg:	1744.52	(min 1000)

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(%) FAMES		
(Reg.(E.E.C) No 2568/91, Annex XA,XB)		
Fatty Acid Composition (%)	Result	Limit (of the declared category)
MYRISTIC (C14:0):	0.01	(max 0,03)
PALMITIC (C16:0):	15.62	
PALMITOLEIC (C16:1):	1.66	
HEPTADECANOIC (C17:0):	0.02	
HEPTADECENOIC (C17:1):	0.06	
STEATIC (C18:0):	2.30	
OLEIC (C18:1):	63.50	
LINOLEIC (C18:2):	15.30	
LINOLENIC (C18:3):	0.76	(max 1,0)
ARACHIDIC (C20:0):	0.43	(max 0,6)
EICOSENOIC (C20:1):	0.24	(max 0,5)
BEXENIC (C22:0):	0.05	(max 0,2)
LIGNOCERIC (C24:0):	0.04	(max 0,2)
Total Trans		
Total trans oleic isomers		
C18:1 trans:	<0.01	(max 0.05)
Total trans linoleic +trans linolenic isomers		
C18:2+C18:3 trans:	0.01	(max 0.05)

REPORT END